3/27/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 16, 1984 NO. 11

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/16/84	Last Week Ending: 03/09/84	Last Year Week Ending: 03/18/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,174	12,223	11,254	-49	920
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	74.6	74.9	66.9		
Motor Gasoline					
Total motor gasoline production	6,299	6,186	5,969	113	330
Finished leaded motor gasoline production	2,642	2,509	2,737	133	-95
Finished unleaded motor gasoline production	3,657	3,677	3,232	-20	425
Total motor gasoline stocks	237,596	237,466	241,965	130	-4,369
Finished leaded motor gasoline stocks	97,935	96,949	98,027	986	-92
Finished unleaded motor gasoline stocks	98,075	99,491	97,620	-1,416	455
Distillate Fuel Oil					
Distillate fuel oil production	2,475	2,585	1,964	-110	511
Distillate fuel oil stocks	120,299	126,587	137,203	-6,288	-16,904
Residual Fuel Oil					
Residual fuel oil production	905	948	893	-43	12
Residual fuel oil stocks	49,084	51,735	50,759	-2,651	-1,675
Imports					
Crude oil imports	3,192	3,757	1,722	-565	1,470
Product imports	1,434	1,589	1,705	-155	-271
Crude Oil Stocks					
Crude oil stocks	329,879	330,408	356,289	-529	-26,410

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,124	1,008	1,054	1,229	85.8
Appal. No. 1	86	84	84	177	47.5
DISTRICT 1 TOTAL	1,210	1,092	1,138	1,406	80.9
Appal. No. 2	62	56	60	66	90.9
Ind., Ill., Ky.	1,977	1,905	1,928	2,345	82.2
Minn., Wis., Daks.	296	278	293	296	99.0
Okla., Kans., Mo.	628	581	592	827	71.6
DISTRICT 2 TOTAL	2,963	2,820	2,873	3,534	81.3
Inland Texas	560	518	541	585	92.5
Texas Gulf Coast	3,116	2,827	2,827	3,907	72.4
La. Gulf Coast	2,031	1,924	1,949	2,890	67.4
N. La. and Ark.	190	173	175	286	61.2
New Mexico	92	87	100	105	95.2
DISTRICT 3 TOTAL	5,989	5,529	5,592	7,773	71.9
DISTRICT 4 TOTAL	427	429	430	536	80.2
DISTRICT 5 TOTAL	2,206	2,107	2,141	3,060	70.0
TOTAL U.S.	12,795	11,977	12,174	16,309	74.6
TOTAL U.S.					
Weeks Ended:					
MAR. 9, 1984	12,990	11,991	12,223	16,309	74.9
MAR. 18, 1983	12,124	10,936	11,254	16,814	66.9
DISTRICTS 1-4					
Weeks Ended:					
MAR. 16, 1984	10,589	9,870	10,033	13,249	75.7
MAR. 9, 1984	10,756	9,844	10,065	13,249	76.0
MAR. 18, 1983	10,120	9,029	9,318	[illegible],731	67.9

API WEEKLY STATISTICAL BULLETIN
Week Ended March 16, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	496	161	335	14	10	223	122
Appal. No. 1	35	18	17	--	--	23	7
DISTRICT 1 TOTAL	531	179	352	14	10	246	129
Appal. No. 2	35	17	18	2	2	12	3
Ind., Ill., Ky.	1,267	523	744	6	111	360	61
Minn., Wis., Daks.	151	87	64	2	20	69	7
Okla., Kans., Mo.	325	181	144	17	15	166	10
DISTRICT 2 TOTAL	1,778	808	970	27	148	607	81
Inland Texas	285	148	137	24	30	130	34
Texas Gulf Coast	1,376	521	855	49	198	524	228
La. Gulf Coast	1,097	450	647	16	233	392	91
N. La. and Ark.	62	29	33	6	--	51	10
New Mexico	48	26	22	16	3	29	2
DISTRICT 3 TOTAL	2,868	1,174	1,694	111	464	1,126	365
DISTRICT 4 TOTAL	208	119	89	13	19	119	10
DISTRICT 5 TOTAL	914	362	552	68	223	377	320
TOTAL U.S.	6,299	2,642	3,657	233	864	2,475	905
TOTAL U.S. **Weeks Ended:**							
MAR. 9, 1984	6,186	2,509	3,677	216	859	2,585	948
MAR. 18, 1983	5,969	2,737	3,232	182	814	1,964	893
DISTRICTS 1-4 **Weeks Ended:**							
MAR. 16, 1984	5,385	2,280	3,105	165	641	2,098	585
MAR. 9, 1984	5,209	2,128	3,081	163	632	2,186	613
MAR. 18, 1983	5,085	2,409	2,676	151	598	1,678	578

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See Revisions On Page 7

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,680	3,373	3,306	1	115	611	4,987	1,826	--
Central Atlantic	33,485	14,129	15,236	4,120	454	4,528	26,230	17,842	13,615
Lower Atlantic	25,769	12,721	12,608	440	351	3,961	13,432	4,356	516
DISTRICT 1 TOTAL	65,934	30,223	31,150	4,561	920	9,100	44,649	24,024	14,131
DISTRICT 2 TOTAL	67,910	30,815	28,231	8,864	1,271	7,375	35,561	4,106	16,612
DISTRICT 3 TOTAL	67,815	24,428	25,634	17,753	2,082	10,388	25,652	11,831	50,264
DISTRICT 4 TOTAL	8,751	4,024	2,287	2,440	269	722	3,365	389	2,597
DISTRICT 5 TOTAL	27,186	8,445	10,773	7,968	1,880	5,973	11,072*	8,734	26,804
TOTAL U.S.	237,596	97,935	98,075	41,586	6,422	33,558	120,299	49,084	110,408
TOTAL U.S.									
Weeks Ended:									
MAR. 9, 1984	237,466	96,949	99,491	41,026	5,990	33,531	126,587*	51,735	107,893
MAR. 18, 1983	241,965	98,027	97,620	46,318	7,252	35,027	137,203	50,759	109,432
DISTRICTS 1-4									
Weeks Ended:									
MAR. 16, 1984	210,410	89,490	87,302	33,618	4,542	27,585	109,227	40,350	83,604
MAR. 9, 1984	209,316	88,005	88,570	32,741	4,373	27,861	115,961	42,432	81,157
MAR. 18, 1983	212,377	88,450	87,154	36,773	5,304	28,713	124,535	41,474	81,497

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See Revisions On Page 7

WEEKLY STATISTICAL BULLETIN
Week Ended March 16, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Oct. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 16, 1984	5,813.3	5,876.0	3,090	221	249,383
MAR. 9, 1984	5,813.3	--	3,604	373	250,309
MAR. 2, 1984	5,791.8	--	2,637	154	252,101
FEB. 24, 1984	5,791.8	--	3,131	249	255,300
DISTRICT 5 TOTAL					
MAR. 16, 1984	2,849.3	2,853.0	102	27	80,496 ‡
MAR. 9, 1984	2,849.3	--	153	20	80,099
MAR. 2, 1984	2,870.1	--	100	--	85,255
FEB. 24, 1984	2,870.1	--	207	25	80,560
TOTAL U.S.					
MAR. 16, 1984	8,662.6	8,729.0	3,192	248	329,879 ‡
MAR. 9, 1984	8,662.6	--	3,757	393	330,408
MAR. 2, 1984	8-661.9	--	2,737	154	337,356
FEB. 24, 1984	8,661.9	--	3,338	274	335,860
MAR. 18, 1983	8,665.0 /A	--	1,722	249	356,289

‡INCLUDES 25,795 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE Actual For March 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 16, 1984	14,620	73,478	147,262	14,023	249,383	80,496 ‡	329,879 ‡
MAR. 9, 1984	15,553	74,255	146,052	14,449	250,309	80,099	330,408
MAR. 18, 1983	15,550	81,505	157,726	15,689	270,470	85,819	356,289

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended March 16, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	21	74	4	--	--	99
Central Atlantic	111	15	96	--	50	68	430	5	232	111	1,007
Lower Atlantic	--	--	--	--	--	45	--	--	--	--	45
DISTRICT 1 TOTAL											
MAR. 16, 1984	111	15	96	--	50	134	504	9	232	111	1,151
MAR. 9, 1984	180	48	132	--	39	139	445	21	98	187	1,109
MAR. 2, 1984	226	41	185	--	61	388	755	8	107	83	1,628
FEB. 24, 1984	361	102	259	39	66	536	857	11	37	121	2,028
DISTRICTS 2–4 TOTAL											
MAR. 16, 1984	8	2	6	--	--	6	76	115	28	8	241
MAR. 9, 1984	8	2	6	--	--	12	44	109	96	159	428
MAR. 2, 1984	20	2	18	--	--	20	60	155	272	12	539
FEB. 24, 1984	41	23	18	--	--	20	60	195	127	57	500
DISTRICT 5 TOTAL											
MAR. 16, 1984	14	4	10	--	3	3	10	5	--	7	42
MAR. 9, 1984	14	4	10	--	3	3	20	5	--	7	52
MAR. 2, 1984	10	3	7	--	5	8	18	14	--	10	65
FEB. 24, 1984	9	2	7	--	4	8	17	20	--	12	70
TOTAL U.S.	133	21	112	--	53	143	590	129	260	126	1,434
TOTAL U.S. Weeks Ended:											
MAR. 9, 1984	202	54	148	--	42	154	509	135	194	353	1,589
MAR. 2, 1984	256	46	210	--	66	416	833	177	379	105	2,232
FEB. 24, 1984	411	127	284	39	70	564	934	226	164	190	2,598
MAR. 18, 1983	234	173	61	--	16	53	724	285	188	205	1,705

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

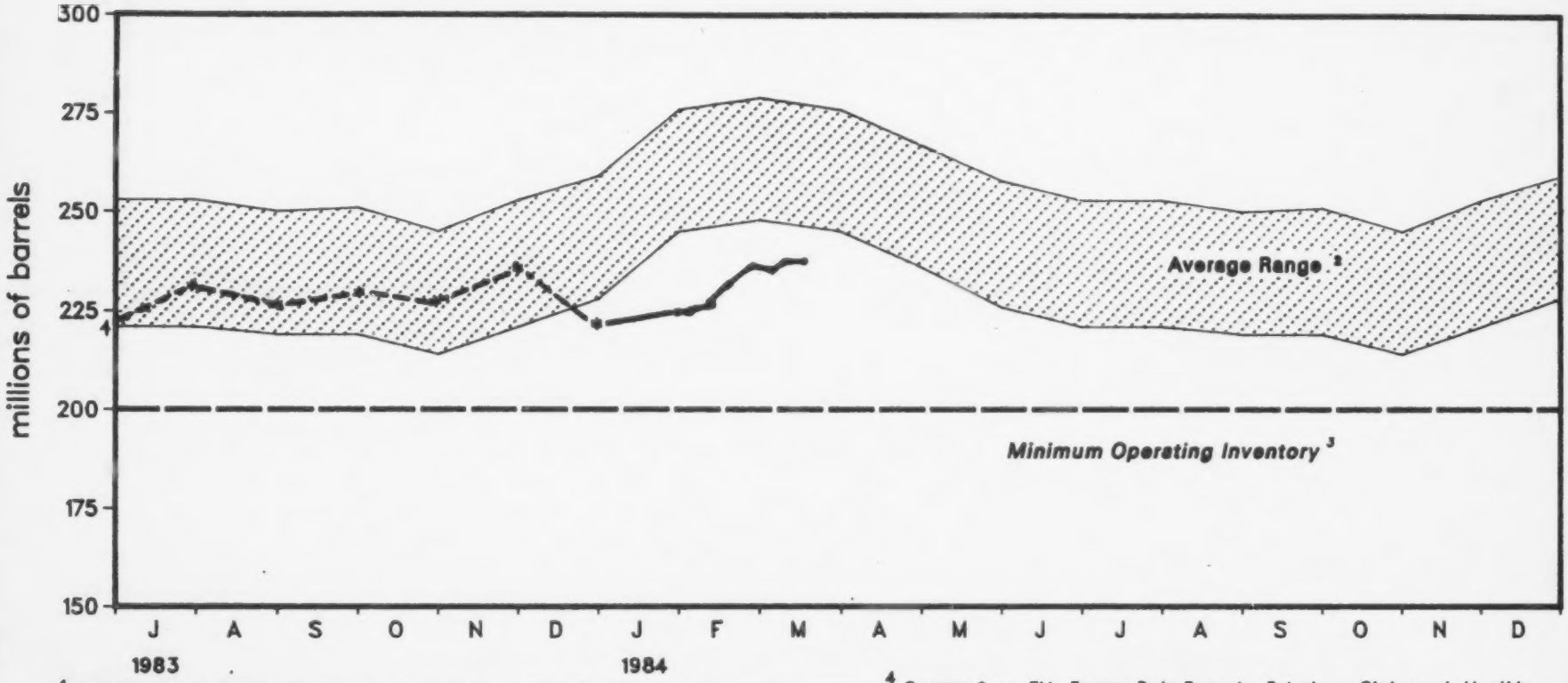
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

03/09/84	PAGE 2	DISTILLATE FUEL	DISTRICT 5 TOTAL	399
			TOTAL U.S.	2,585
	PAGE 3	DISTILLATE FUEL	DISTRICT 5 TOTAL	10,626
			TOTAL U.S.	126,587

March 16, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

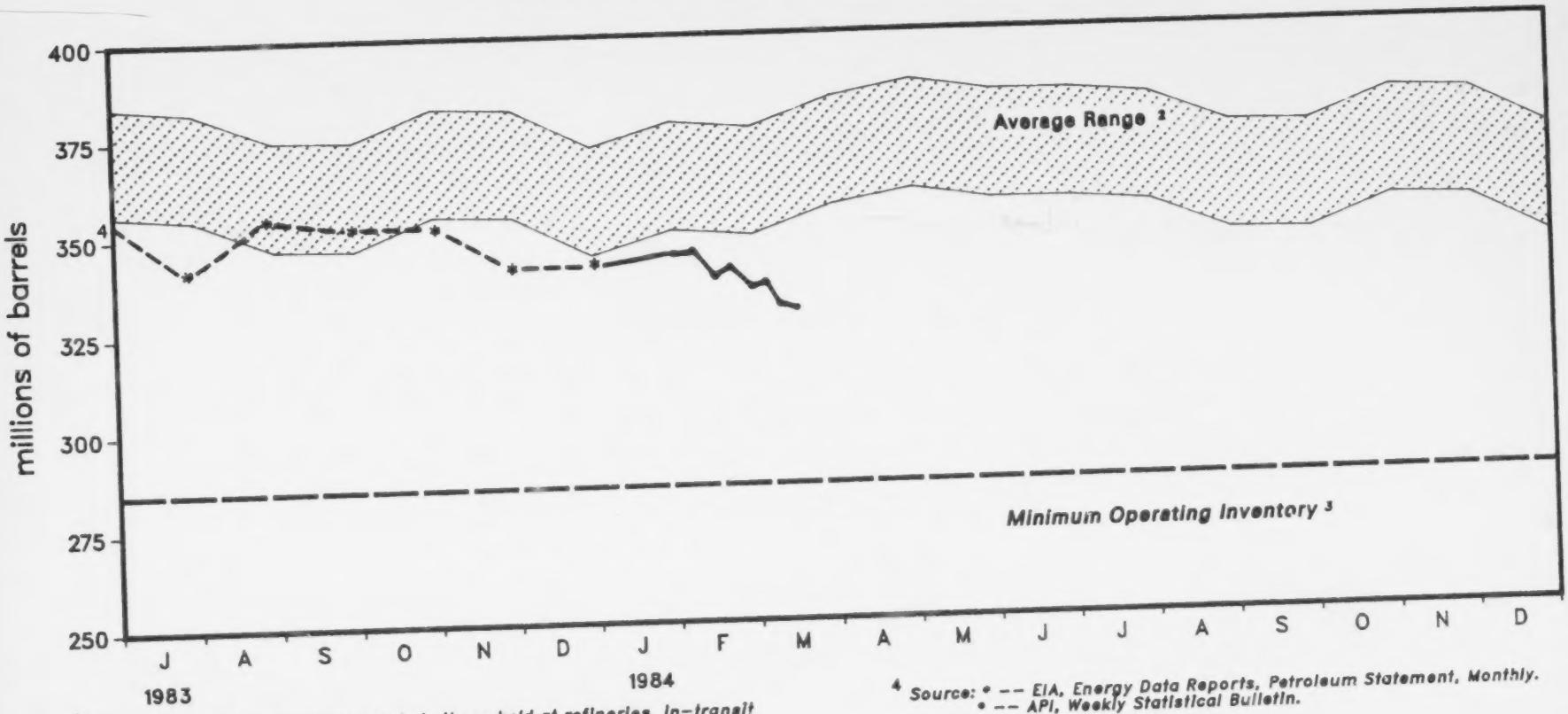
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[4] Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.
• –– API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

March 16, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

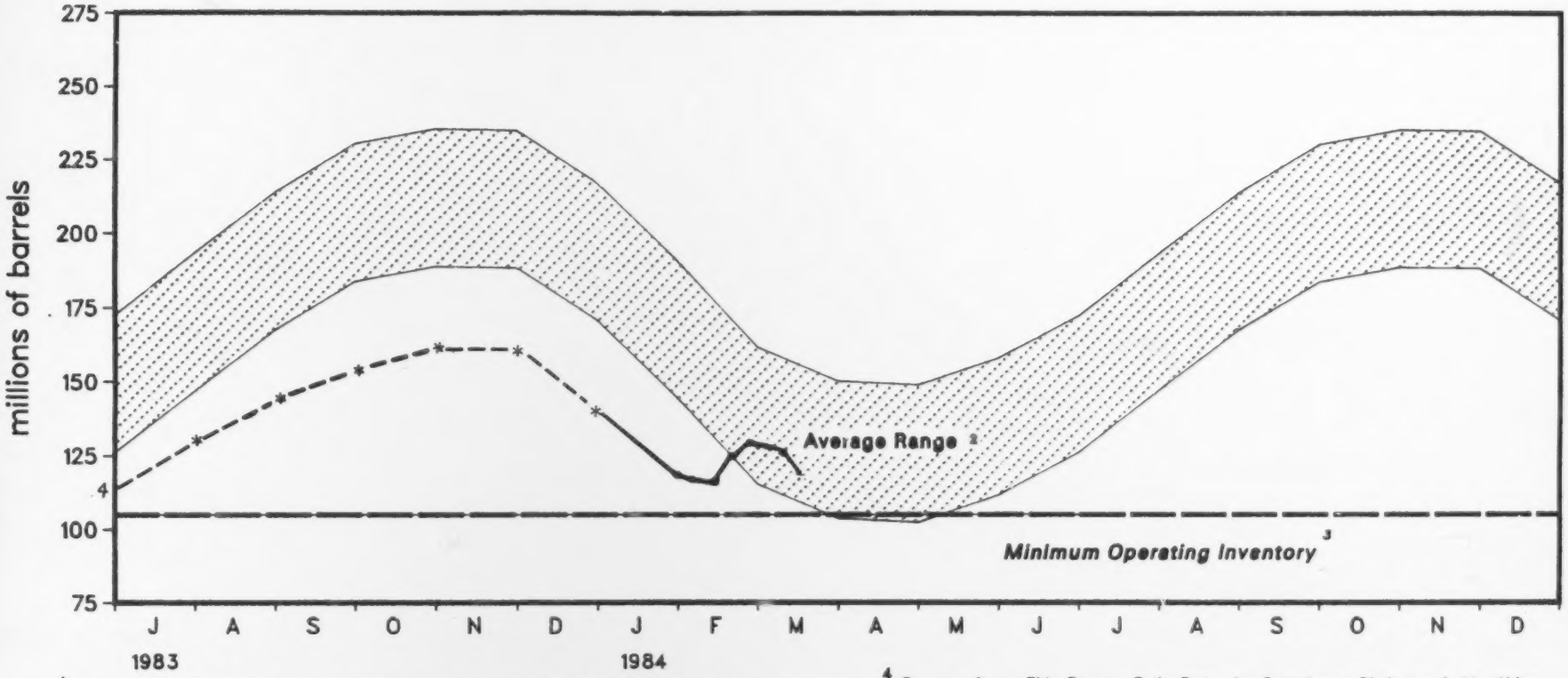
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

[4] Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

March 16, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• -- API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*